

## United States Patent and Trademark Office

ENITED STATES DEPARTMENT OF COMMERCE Enited States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.usplo.gov

| APPLICATION NO.  | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.     | CONFIRMATION NO. |
|--|-------------|----------------------|-------------------------|------------------|
| 10/626,982   | 07/25/2003  | Joseph J. Marcinko   | WUR 50916/US 4141       |                  |
| 7590 09/27/2004  |             |                      | EXAMINER                |                  |
| Patent Counsel Huntsman Polyurethanes 286 Mantua Grove Road West Deptford, NJ 08066-1732 |             |                      | GORR, RACHEL F          |                  |
|  |             |                      | ART UNIT                | PAPER NUMBER     |
|  |             |                      | 1711                    |                  |
|  |             |                      | DATE MAILED: 09/27/2004 |                  |

Please find below and/or attached an Office communication concerning this application or proceeding.

|   | Application No.                            | Applicant(s)               |  |  |  |
|---|--|----------------------------|--|--|--|
| Office Action Summers   | 10/626,982                                 | MARCINKO ET AL.            |  |  |  |
| Office Action Summary   | Examiner                                   | Art Unit                   |  |  |  |
|   | Rachel F. Gorr                             | 1711                       |  |  |  |
| The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply  |  |                            |  |  |  |
| A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.  - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.  - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b). |  |                            |  |  |  |
| Status  |  |                            |  |  |  |
| 1) Responsive to communication(s) filed on  | _•   |                            |  |  |  |
|   | action is non-final.                       |                            |  |  |  |
| 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is  |  |                            |  |  |  |
| closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.   |  |                            |  |  |  |
| Disposition of Claims   |  |                            |  |  |  |
| 4)⊠ Claim(s) <u>1-27</u> is/are pending in the application.   |  |                            |  |  |  |
| 4a) Of the above claim(s) is/are withdrawn from consideration.  |  |                            |  |  |  |
| 5)⊠ Claim(s) <u>1-19</u> is/are allowed.  |  |                            |  |  |  |
| 6)⊠ Claim(s) <u>20-25 and 27</u> is/are rejected.   |  |                            |  |  |  |
| 7)⊠ Claim(s) <u>26</u> is/are objected to.  |  |                            |  |  |  |
| 8) Claim(s) are subject to restriction and/or election requirement.   |  |                            |  |  |  |
| Application Papers  |  |                            |  |  |  |
| 9)☐ The specification is objected to by the Examiner.   |  |                            |  |  |  |
| 10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.   |  |                            |  |  |  |
| Applicant may not request that any objection to the d   |  | • •                        |  |  |  |
| Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  |  |                            |  |  |  |
| 11) $\square$ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.  |  |                            |  |  |  |
| Priority under 35 U.S.C. § 119  |  |                            |  |  |  |
| <ul> <li>12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).</li> <li>a) All b) Some * c) None of:</li> <li>1. Certified copies of the priority documents have been received.</li> <li>2. Certified copies of the priority documents have been received in Application No.</li> <li>3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).</li> </ul>  |  |                            |  |  |  |
| * See the attached detailed Office action for a list of the certified copies not received.  |  |                            |  |  |  |
|   |  |                            |  |  |  |
| Attachment(s)   |  |                            |  |  |  |
| 1) Notice of References Cited (PTO-892)   | 4) 🔲 Interview Summary (I                  | PTO-413)                   |  |  |  |
| 2) In Notice of Draftsperson's Patent Drawing Review (PTO-948)  Paper No(s)/Mail Date   |  |                            |  |  |  |
| 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date  | 6) ☐ Notice of Informal Par<br>6) ☐ Other: | tent Application (PTO-152) |  |  |  |
|   |  |                            |  |  |  |

Application/Control Number: 10/626,982

Art Unit: 1711

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 20-25 and 27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Freis.

Freis discloses reacting polyether polyols made from ethylene oxide with phenyl isocyanate (see example 1). In col. 4, line 25-26, he discloses initiating the polyether with ethanol amines. He differs from the claims by disclosing the tertiary amine initiator in a list with four other possible initiators.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to choose one initiator from a limited list.

Claim 26 is objected to for depending on rejected claims.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rachel F. Gorr whose telephone number is 571-272-1072. The examiner can normally be reached on Mon., Tues., Thurs., Fri., from 7:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jim Seidleck can be reached on 571-272-1078. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Application/Control Number: 10/626,982

Art Unit: 1711

Page 3

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

R.G. September 23, 2004

RACHEL GORR
PRIMARY EXAMINER